

NEWS LETTER OF THE SOCIETY OF AMERICAN BACTERIOLOGISTS

Office of the Secretary-Treasurer

April, 1948

Volume XIV, - Number 3

1948 OFFICERS AND COUNCILORS

|                             |  |
|-----------------------------|--|
| <u>President:</u>           | H. J. Conn, N. Y. Ag. Exper. Station, Geneva, New York           |
| <u>Past President:</u>      | Thomas Francis, Jr., University of Michigan, Ann Arbor, Michigan |
| <u>Vice-President:</u>      | Wm. McD. Hammon, Hooper Foundation, San Francisco, Calif.        |
| <u>Secretary-Treasurer:</u> | L. W. Parr, The George Washington University, Washington, D. C.  |
| <u>Councilors-at-Large:</u> | P. R. Edwards, Kentucky Experiment Station, Lexington, Kentucky  |
|                             | L. S. McClung, Indiana University, Bloomington, Indiana          |
|                             | C. M. MacLeod, N. Y. U. College Medicine, New York, N. Y.        |
|                             | G. W. Rake, Squibb Institute, New Brunswick, N. J.               |

Councilors Elected by Branches:

E. I. Sugarman, San Francisco, Calif.--Northern California-Hawian  
A. J. Salle, Los Angeles, Calif.--Southern California  
C. A. Stuart, Providence, R. I.--Connecticut Valley  
H. J. Shaugnessy, Chicago, Ill.--Illinois  
H. M. Powell, Indianapolis, Indiana--Indiana  
W. W. Smith, Logan, Utah--Intermountain  
R. H. Weaver, Lexington, Ky.--Kentucky-Tennessee  
Roger D. Reid, Baltimore, Md.--Maryland  
John F. Norton, Kalamazoo, Mich.--Michigan  
G. F. Reddish, St. Louis, Mo.--Eastern Missouri  
George Peltier, Lincoln, Neb.--Missouri Valley  
T. J. Murray, New Brunswick, N. J.--New Jersey  
Mary Horton, New York, N. Y.--New York City  
M. W. Jennison, Syracuse, N. Y.--Central New York  
H. W. Lyall, Albany, N. Y.--Eastern New York  
(To be elected) --North Carolina  
C. E. Skinner, Minneapolis, Minn.--North Central  
R. E. Hungate, Pullman, Wash.--Northwest  
Robert F. Parker, Cleveland, Ohio--Ohio  
James Harrison, Philadelphia, Penn.--Eastern Pennsylvania  
J. T. Syverton, New Orleans, La.--South Central  
Ralph McBurney, Birmingham, Ala.--Southeastern  
Orville Wyss, Austin, Texas--Texas  
N. R. Smith, Chevy Chase, Md.--Washington, D. C.

Invited Members (Council Action of 1938)

Barnett Cohen, Editor-in-Chief, BACTERIOLOGICAL REVIEWS  
A. P. Hitchens, Editor, Section C., BIOLOGICAL ABSTRACTS  
W. J. Nungester, Chairman, PROGRAM COMMITTEE  
J. M. Sherman, Editor-in-Chief, JOURNAL OF BACTERIOLOGY

The Council Policy Committee (Constitutional Revision of 1946)

|                       |                |
|-----------------------|----------------|
| H. J. Conn, Chairman  | L. S. McClung  |
| Thomas Francis, Jr.   | C. S. Pederson |
| Wm. McD. Hammon       | N. R. Smith    |
| L. W. Parr, Secretary | J. M. Sherman  |

1948 ANNUAL MEETING - MINNEAPOLIS, MAY 10 - 14

As the time draws near for the 1948 Annual Meeting, arrangements are being completed at Minneapolis to take care of the 1200 or more members who are expected to attend and of the approximately thirty exhibits which will be presented at the meeting. It is hoped that any member who has not yet made his plans will as promptly as possible, take care of the matters which might concern the Minneapolis local committee for by so doing he can be taken care of more satisfactorily and the local committee given an opportunity under fair circumstances to do a good job. There are inevitably so many last minute arrangements which have to be made that everything which can be arranged for in advance should be out of the way promptly. With this News-Letter is distributed the program of the meeting which not only contains a listing of papers to be presented but much other information which will be found useful in getting the most out of the meeting. It is hoped that each member will study his program carefully and plan his visit to Minneapolis so that he will be able to get in those things in which he is most interested.

In recent years the SOCIETY has cut down on the number of business meetings scheduled at an Annual Meeting. It is hoped that more of the members will attend these meetings, listen to the reports, and participate in the deliberations. As a society grows, there is always criticism that it is "run by a few old timers". One of the most difficult things in society administration is to discover those who should be drawn into activities. It is true as a result that many organizations do carry on largely through the efforts of tried and true members. It is unfortunate that willingness alone is not a good criterion of one's fitness to lead in organization work. Often it is easier to do a job oneself than to locate and induce someone else to do it. Those who are interested in our activities and willing to give some time to them should identify themselves by attending business meetings and by meeting and becoming acquainted with the older members. The process is not one which can be completed in a few days but for best results requires a matter of months or even two or three years. Willingness to work, good judgment, fairness, reasonable tact, ambition and interest, and some record of personal scientific ability and achievement are essential. The SOCIETY wants such people to become active in its activities. This is increasingly true in an organization like ours which has doubled its membership in the last five or six years. It would be disastrous if our newer and younger members become convinced that the S. A. B. is just another one of those organizations run by a hierarchy. The best place at which to eliminate the germs of this corroding and false assumption is at an annual meeting, which is the only place where we can really get acquainted and discover each other. Come to the business meetings, attend the banquet, and visit with those who attend.

The local committee requests that we call your attention to the fact that the University of California and the University of Chicago groups have requested addition to the list of those planning a special breakfast or luncheon. If you belong to either of these groups, you are invited to join them and should secure tickets according to schedule and plans which will be announced at Minneapolis.

Another matter which has been called to our attention is the fact there has been some discussion regarding the charter of planes. No doubt if a sufficiently large group is interested in such propositions it might be possible to arrange a time and a rate which would be attractive. The local committee, however, reminds all who are considering this or special train travel plans that responsibility for all arrangements are their own.

Lastly, the Minnesota Local Committee urges all who plan to attend the meeting and can arrange to do so to arrive early Monday evening in time to register before

the Smoker. The Council will meet at eight o'clock Monday evening, May 10, and there will be a meeting of the Council Policy Committee preceding this, called for four P.

#### PANEL MEETINGS

The Bacteriology Study Section of the Division of Research Grants of the U. S. Public Health Service and the Microbiology Panel of the Medical Science Division of the Office of Naval Research will meet in Minneapolis on May 10 and May 15, respectively. These meetings are not open to the public, but they are held at this time because of the opportunity it gives for section and panel members to meet and attend the Annual Meeting. It also emphasizes the importance which these aspects of government activity have taken on. While for this occasion no special plans have been made to facilitate the meeting of Society members and Panel executives for the discussion of procedure and problems of mutual interest, something like this may eventually be worked out.

#### NATIONAL SCIENCE FOUNDATION

The following statement from Dr. J. S. Nicholas, Chairman of the Division of Biology and Agriculture, of the National Research Council, to the SOCIETY as a member of the American Institute of Biological Sciences gives the current status of National Science Legislation:

Two bills, H.R. 5532 and H.R. 4852, providing for a national science foundation, have been introduced into the House of Representatives this session. The provisions of H.R. 5532 are identical with those of the bill vetoed by the President last session. The major difference in H.R. 4852 is that it provides that the director shall be appointed by the President.

Senator Smith of New Jersey and Representative Wolverton have been working with the President on framing a bill which would be acceptable to the President, and which would be passed by Congress this session, but no such bill has been introduced yet in either House. The situation has changed somewhat during the past two weeks, and the prospects of getting the bill passed at this session do not seem quite so good as they were a few weeks ago.

#### OUR EIGHT PAGE BOOKLET

With return of thousands of men and women from the services there has been a genuine need to make available to them information regarding careers in various fields. It is only natural that popular magazines should have made an effort to do something along this line for their readers. A few months ago Glamour presented a large double page tabulation of various professions open to women and did a first class job of giving pertinent information about the different occupations and professions under a number of headings. The editor of the JOURNAL has, as a result, received a considerable number of letters from ambitious young women wanting to know about bacteriology since Cornell University was given as the address to which one should write for information. More recently apparently, Pic has come out with a job analysis of bacteriology which has excited a considerable amount of attention, and we now have on our desk about thirty letters from young men and women inquiring for our "Eight Page Booklet". One letter has particularly interested us because the young student in a state university who wrote it is much disturbed with the picture as painted by Pic.

These articles are prepared by honest, capable young editorial workers assigned to the task, who do the best they can with the materials they can collect. One of them sent this office a questionnaire a year or so ago to which we could pay no



attention because honest efforts to answer the questions he asked would have required weeks of research. I was very sorry I could not do this for him because what he wanted to know would have enabled him to write a really good article and the information which would have been gathered would have been very helpful to our science. Scientific societies in the past have not sufficiently interested themselves in problems of this sort, and we have been the losers. During the war an effort was made to prepare descriptions of specialized fields, and a SOCIETY committee, composed of Dr. Waksman, Chairman, and Drs. Berry, Cameron, Hudson, Mudd, Norton, Perry, Sherman, and Parr, prepared a handbook for bacteriologists which was published September, 1945, by the U. S. Employment Service of the Department of Labor. This is the eight page booklet which we are receiving requests for, and this illustrates the difficulty which arises when unauthorized individuals attempt to do a task for which there is need but for which they do not have all of the background necessary. At one time we distributed copies of this booklet, but the supply furnished us has long been exhausted, and I am at a loss to know why Pic's article refers to the matter in this fashion when the handbook clearly states who published it and that it may be secured for five cents from the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

This office has tried to answer every request it has received from a veteran or young student and to help to do so has prepared a mimeographed letter covering many of the points raised by young men and women. At best, such a letter can represent only the point of view of the secretary-treasurer. Possibly the time has come when a committee of the Society should prepare an "eight page booklet".

We have not read the article in Pic magazine. Quotations from it indicate a rather pessimistic point of view which we think is unfortunate. It should be said that not everyone who wants to do graduate work should be encouraged to do so, and it should be said that if one is primarily interested in financial reward, possibly a scientific career should be avoided. On the other hand, are we not right in saying that there has never been a time when there has been so much opportunity for well-qualified individuals, both as workers and as students? Salaries are still low at certain grades and in certain areas, but is it not true that in the overall picture they have never been better? This office does a great deal of personnel work and counselling, not only as regards bacteriology but as regards medical education. We are increasingly impressed by the need for established workers to take more interest in young people who are thinking about their careers. To a young man or woman wanting to be a bacteriologist or a doctor, his career is the most important thing in the world to him. I feel genuine shame from time to time that the professions have not done a better job in providing guidance, and I congratulate any magazine, be it Glamour or Pic, which tries, even imperfectly to do something which should already have been done by others.

#### 1948 COMMITTEES AND APPOINTMENTS

##### Committees:

Archives Committee: Barnet Cohen, Chr., Stanhope Bayne-Jones, H. J. Conn, ex-officio.

Committee on Bacteriological Technic: M. W. Jennison, Chr., H. J. Conn, ex-officio, Barnett Cohen, I. C. Gunsalus, G. H. Chapman, L. S. McClure, A. J. Riker, C. E. ZoBell.

Committee on Certification and Problems of Personnel: S. R. Damon, Chr., Sara Branham, Mary Horton, M. W. Jennison, M. L. Cooper, C. S. Pederson.

Committee on the Inter-American Society of Microbiology: K. F. Meyer, Chr., E. H. Lennette, Sec'y, F. Duran-Reynals, K. H. Lewis, G. B. Reed, J. E. Smadel, W. H. Taliaferro, Oscar Vargas.

Council Policy Committee: H. J. Conn, Chr., L. W. Parr, Sec'y, Thomas Francis, Jr., W. McD. Hammon, J. M. Sherman, L. S. McClung, C. S. Pederson, N. R. Smith.

Program Committee: W. J. Nungester, Chr., E. R. Hitchner, Vice-Chr., L. S. McClung, Past Chr., J. M. Birkeland, J. R. Porter, J. V. Sugg, Geoffrey Rake, John Garey, G. L. Stahly, Harold Curran, M. J. Pickett, W. W. Umbreit.

Committee on Special Lectures: J. M. Sherman, Chr., C. N. Frey, J. J. Bronfenbrenner, C. E. Clifton, I. L. Baldwin.

Committee on Teaching: R. L. Thompson, Chr., D. S. Martin, H. R. Cox, J. M. Birkeland, M. W. Jennison, Elinor Smith, F. L. Horsfall, L. A. Black, William Burrows, G. B. Reed, H. E. Morton, ex-officio.

Advisory Membership Committee: Martin Frobisher, Jr., Chr., G. L. Stahly, R. L. Starkey, J. T. Syverton, R. H. Vaughan.

Financial Advisory Committee: H. R. Conn, Chr., I. L. Baldwin, Kenneth Goodner, L. W. Parr, Morris Scherago.

Resolutions Committee: Appointed at the time of the Annual Meeting.

Tellers Committee: Appointed later.

Auditing Committee: Appointed later.

Nominating Committee: M. A. Farrell, Chr., W. C. Fraxier, A. G. Lochhead, L. S. McClung, Stuart Mudd.

#### Appointments and Reappointments:

To the A. A. A. S.: Colin MacLeon, Medicine; N. R. Smith, Agriculture.

International Association of Microbiologists: Stuart Mudd.

Foundation for the Study of Cycles: R. R. Mellon.

American Type Culture Collection: L. A. Rogers, R. E. Buchanan.

A. A. A. S. (Reporters): M. D. Eaton, W. W. Umbreit.

National Research Council: W. B. Sarles, G. P. Berry.

Poliomyelitis Conference: Thomas Francis, Jr., A. B. Sabin.

Eli Lilly and Company Nominating Committee: John Kidd, D. W. Woolley.

Eli Lilly and Company Award Committee: Rebecca Lancefield, C. B. Reed.

Delegate to the American Institute of Biological Sciences: L. W. Parr.

Representatives to the International Congresses of Tropical Medicine and Malaria: Thomas Francis, Jr., A. M. Griffin, Joseph Smadel.

Archivist: Barnett Cohen.

Director of Placement Bureau: C. S. Pederson.

Director of Local Branches: G. L. Stahly.

#### THE AMERICAN TYPE CULTURE COLLECTION

The annual report and statement of the American Type Culture Collection as presented by SOCIETY representatives to the Collection, Lore A. Rogers and R. E. Buchanan, follows:

It was found advisable to move the Collection from its quarters in the Georgetown University Medical School to a rented building at 2029 M Street N.W., which has been completely remodeled and equiped. While this building is unpretentious in appearance in capacity it is, considering the housing conditions in Washington, the best that could be done under the circumstances and provides quarters for the efficient operation of the Collection until a permanent home can be obtained. Of greater significance is the fact that the Collection is now standing on its own feet free from the uncertainties and inhibitions inherent in a dependent existence.

In the past year the Collection has distributed 10731 cultures not including 520 exchanges for which no charge was made. This is an increase of about 1,000 cultures over the previous year. An affiliation has been made with The International Culture Collection which has headquarters in Switzerland and is preparing a comprehensive and detailed catalogue of cultures available in various collections throughout the world. This organization will not maintain a collection and requests of European origin for cultures from this country will be referred to the American Type Culture Collection. Dr St. John-Brooks, Secretary of this collection is now working in our laboratory preparing the American section of the International Catalogue.

The usual routine work of checking over the cultures has been supplemented by work on special groups by cooperating laboratories for which we are very grateful. Dr. Gordon, in cooperation with the Bureau of Plant Industry and with the aid of a grant from the U. S. Public Health Service has made a special study of the aerobic, thermophilic spore formers, and the results of this work will be ready for publication in the near future. The staff will appreciate reprints of papers on taxonomy which should be addressed The American Type Culture Collection, 2029 M Street, N.W. Washington 6, D. C.

The increased cost of operation under the new conditions is in part offset by a saving of about \$2,000, formerly paid in various forms to Georgetown University Medical School. A grant of \$5,000 was obtained from UNESCO and in the past year we have had a special grant of \$4,930 from the U. S. Public Health Service which, however, is used entirely for research and is not available for operating expenses.

The salary scale has been materially increased to put us in better position to compete for personnel and a retirement system has been established.

The extraordinary expenses of remodeling, equipping and moving into the new laboratory have decreased the reserve funds from \$24,109 to \$16,693 but this is partly offset by an increase in the permanent equipment of over \$4,000.

So far as can be foreseen the budget for the current year will be in balance.

#### Financial Statement

Fiscal Year December 16, 1946 to December 31, 1947

#### Income:

|                                       |                 |
|---------------------------------------|-----------------|
| Balance on hand Dec. 16, 1946*        | \$ 9503.33      |
| Contributions                         | 1420.00         |
| Sale of cultures                      | 23714.27        |
| Dividends                             | 196.00          |
| 2 bonds matured                       | 2040.00         |
| Grant from UNESCO                     | 5000.00         |
| Grant from U.S. Public Health Service | 4930.00         |
|                                       | <hr/> 46,853.60 |

#### Expenditures

|                                     |          |
|-------------------------------------|----------|
| Salaries                            | 21235.25 |
| Remodeling laboratory building      | 8463.36  |
| Permanent equipment                 | 4096.30  |
| Express and freight                 | 66.51    |
| Laboratory supplies, services, etc. | 1658.24  |
| Gas, electricity, etc.              | 250.92   |



|                     |           |
|---------------------|-----------|
| Moving              | \$ 166.87 |
| Legal expenses      | 253.30    |
| Mailing cases       | 838.06    |
| Office expenses     | 763.69    |
| Postage             | 1005.55   |
| Scientific meetings | 110.97    |
| Insurance           | 324.09    |
| Rent                | 1449.72   |
| Refunds             | 92.08     |
| Transportation      | 176.24    |
| Bank charges        | 5.26      |

|                 |                 |           |
|-----------------|-----------------|-----------|
|                 | <u>40856.36</u> |           |
| Balance forward | 5997.24         | 46,853.60 |

\*Not including invested funds.

#### PLACEMENT BUREAU

The director of the Placement Bureau, Dr. Carl S. Pederson, Agricultural Experiment Station, Geneva, N. Y., will be in attendance at the Annual Meeting and will again maintain office hours to meet those interested in placement. It is hoped that all members of the Society sincerely interested take advantage of this service provided by Professor Pederson. In the interest of efficiency and fair play, may we express the hope that those who discuss these matters with Dr. Pederson do so only if they are genuinely in the market for personnel or for a position. It will be impossible to give good service to the man or woman in real need of a position or to properly help the school, laboratory, or industry searching for personnel if too much of the director's generously donated time is taken up by those who just drop in on the chance that they may discover a gold mine or a young Pasteur.

#### THE REGULAR ARMY MEDICAL SERVICE CORPS:

In 1947, Public Law 337 established this corps which is currently composed of the Medical Allied Sciences Section, the Pharmacy, Supply and Administration Section, Optometry Section, and Sanitary Engineering Section. The inclusion of the Medical Allied Sciences Section as a part of the medical department of the regular army is in recognition of the highly important contributions of these specialists in World Wars I and II.

The Surgeon-General is holding a conference, May 27 and 28, to discuss the Medical Allied Sciences Section, and President Conn has appointed Past-President Mudd and the Secretary-Treasurer to attend these conferences. It would be helpful to the S. A. B. representatives if members who are interested in this matter were to write Drs. Mudd or Parr or discuss the matter with them at the Annual Meeting. As the S. A. B. Committee on Legislation our representatives have been familiar with this problem for a long time, but nevertheless, are much in need of the opinions and reactions of others in the Society if they are to adequately represent microbiologists.

### WORLD HEALTH ORGANIZATION

On March 12 the Rules Committee of the House of Representatives indefinitely tabled the bill to make the United States a member of the World Health Organization of the United Nations. This bill was passed by the Senate last year and was approved by the Committee on Foreign Relations of the House of Representatives. Twenty-three member-nations of the United Nations are already ratifiers of the constitution of the World Health Organization, and three more will sign within the next month or two. The WHO will then come into existence and the United States will not be a member.

This state of affairs is a disgrace to the United States and is inexcusable since it was the United States which fostered the establishment of the WHO at the San Francisco conference in 1945. We were officially represented at a preliminary conference in Paris in 1946 and were hosts to an international conference in New York in July of that year, and at this conference our representatives signed the constitution of the World Health Organization, which was formulated there. The action of the Rules Committee of the House, if allowed to stand, marks the end of our world leadership in the field of health.

The two paragraphs above represent almost word for word a statement made by Dr. Henry E. Meleney, President of the Conference of Professors of Preventive Medicine and sent by him to all the members of this Conference. Your Secretary-Treasurer wishes to present this matter to you and to suggest, as does Dr. Meleney, that scientists who do not feel that this represents the proper action on the part of our government say so in no uncertain terms to those who represent them in the House.

### NEWS

Under the Edward K. Dunham Lectureship for the Promotion of the Medical Sciences Harvard University on March 22, 24 and 26 presented Andre Lwoff, Head of the Department of Microbial Physiology of the Pasteur Institute of Paris in three lectures on "Aspects of Microbial Physiology."

Dr. William Reiner-Deutsch, Director of Industrial Testing Laboratories and Technical Director of the National Brewers' Academy and Consulting Bureau has been elected Corresponding Member of the Societe de Biologie de France.

The Council of the SOCIETY has, on its last mail approval of business, accepted for active membership the list of names attached to this News-Letter. They have also approved for Sustaining Membership the two firms listed and the status of Emeritus Member has been extended to:

Dr. E. K. Tingley, Lancaster, Pennsylvania,  
Dr. Newell S. Ferry, Grosse Pointe, Michigan, and  
Mr. Lewis T. Leonard, Rockville, Maryland.

Dr. George Rockwell was, early in March, elected President of the American College of Allergists at its annual meeting.

The new officers of the Indiana Branch, elected February 27, are: L. S. McClung, President; S. H. Hopper, Vice-President; A. L. Stanley, Secretary-Treasurer, and for one more year as Councilor, H. M. Powell.

The new officers of the North Central Branch, recently elected, are: W. M. Hale, President; N. R. Ziegler, Vice-President; A. R. McKee, Secretary-Treasurer; and for one more year as Councilor, C. E. Skinner.



The first Louis Slotin Memorial Lecture was given at the University of Chicago March 12 by S. E. Luria of Indiana University who spoke on the subject: "Radio-biological Studies on Viruses."

A. J. Weil, M. D. is now bacteriologist to the Bronx Hospital, Fulton Avenue, New York 56, N. Y.

We are happy to announce that Eli Lilly and Company have authorized a fourth series of three additional annual awards in Bacteriology and Immunology to be presented in 1949, 1950 and 1951 and to be administered by the American Association of Immunologists, the American Society of Experimental Pathology and the Society of American Bacteriologists. The 1948 recipient has been chosen and will be introduced at the annual Banquet of the SOCIETY in Minneapolis and will be heard the following morning at the general scientific session of the meeting. He was chosen from among seven outstanding scientists not yet 35 years of age whose names had been presented to the committees and who had been found eligible for consideration.

The new officers of the Washington (D.C.) Local Branch are: L. A. Burkey, President; Margaret Pittman, Vice-President; R. C. Dawson, Secretary-Treasurer; and for another year N. R. Smith, Councilor.

#### LOCAL BRANCH PROGRAMS

##### Southern California Branch (Meridian R. Ball, Secretary-Treasurer)

The Southern California Branch of the Society met March 4 at the White Memorial Hospital in Los Angeles. The program was as follows:

- 1.-Relapsing fever, by Joseph A. Moore, Chief, Communicable Disease Service, State of California.
- 2.-The effect of penicillin and tyrothricin on bacteria of significance in the presumptive test, by S. C. Rittenberg and J. H. Silleker, Department of Bacteriology, University of Southern California.
- 3.-The CD/50 of penicillin G in experimental syphilis produced by five strains of Treponema pallidum, by Ruth A. Boak and Charles M. Carpenter, School of Medicine, University of California, Los Angeles.

##### Maryland Branch (Patricia Haugh, Secretary)

At a dinner meeting on February 10, 1948 at Sears' Community House the following papers were given:

- 1.-Trypticase tellurite as a primary plating medium of the identification of C. diphtheria, by Dr. Elizabeth Petran, Senior Bacteriologists, Maryland State Department of Health.
- 2.-Electron Microscopy of Newcastle virus, by Dr. Frederick B. Bang, Assistant Professor of Medicine, School of Medicine, The John Hopkins University.
- 3.-Studies on Rh factor, by Phillip Levine, Director, Rh Blood testing Laboratory, Ortho Research Foundation, Raritan, New Jersey.

At the dinner meeting on March 2 at Sears' Community House the following program was presented:

- 1.-Viability and growth factors for N. gonorrhoeae, by Justina Hill, Department of Medicine, The John Hopkins Medical School.
- 2.-The reaction of minimus type C. diphtheriae to tween 80 and its relation to certain other physiological properties of that organism, by Martha K. Ward, Elizabeth I. Parsons, and Martin Frobisher, Jr., Department of Bacteriology, The John Hopkins School of Hygiene and Public Health.
- 3.-Recent laboratory studies on rabies, by Karl Hable, Chief, Neurotropic Virus Unit, National Institute of Health, Bethesda, Maryland.

A joint meeting with the Washington, D. C. Branch was held on April 10th at Ft. Meade, Maryland as guests of the staff of the 2nd Army Laboratory. For the listing of program, please turn to the report from the D. C. Branch.

Eastern Missouri Branch (Nicholas D. Duffett, Secretary-Treasurer)

On March 30, 8 P.M., in the Lecture Hall of the Oscar Johnson Institute, the following paper was presented to the members of the Eastern Missouri Branch:

- 1.-Surface phagocytosis, by Dr. Barry Wood, Professor of Medicine, Washington University

Theobald Smith Society (New Jersey Branch, H. B. Woodruff, Secretary-Treasurer)

The following reports of original research were given on Tuesday, March 23 at 7:30 P.M., University Commons, Rutgers University.

- 1.-Bacterial oxidation of sulfur in pipe-sealing mixtures, by Lloyd R. Frederick and Robert L. Starkey, Department of Microbiology, Rutgers University.
- 2.-A grisein-like antibiotic produced by a strain of *Streptomyces griseus*, by Warfield Garson and Selman A. Waksman, Department of Microbiology, Rutgers University.
- 3.-Some aspects of bacitracin production by the submerged culture method, by David Hendlin, Microbiology Department, Merck & Co., Inc., and Department of Microbiology, Rutgers University.
- 4.-Factors influencing coagulase production, by Clarence V. Hubbard, Department of Bacteriology, Rutgers University.
- 5.-Integrative studies of bacterial metabolism, by Chester I. Randles, Department of Bacteriology, Rutgers University.

New York City Branch (John E. Blair, Secretary-Treasurer)

The forth-third meeting was held on March 30 at Columbia University College of Physicians and Surgeons. The following program was presented:

- 1.-Anaerobic growth of purple bacteria in synthetic media, by S. H. Hutner, Haskins Laboratories, New York.
- 2.-A reaction of quarternary ammonium compounds with certain bacterial products, by George H. Chapman, Clinical Research Laboratory, New York.
- 3.-A specific depression of anaphylactic and dermal sensitivity in guinea pigs by prior feeding of an allergenic chemical, by Morrill W. Chase, Rockefeller Institute for Medical Research, New York.
- 4.-The bactericidal action of oxygen-liberating substances on fusiform bacilli, by Thomas C. Grubb and Marguerite A. Edwards, Research Laboratories, Vick Chemical Company, New York.

Eastern Pennsylvania Branch (W. G. Hutchinson, Secretary-Treasurer)

The scientific program at the 199th meeting of this group held on March 23 at 7:30 in the Auditorium of the Philadelphia County Medical Society Building was:

- 1.-The in vivo reactivation by BAL (2,3, dimercaptopropanol) of influenza virus and pneumococci inactivated by bichloride of mercury, by Dr. Morton Klein and Mr. J.E. Perez, Department of Bacteriology School of Medicine, University Pennsylvania, Philadelphia.
- 2.-Methods employed in the Hirst reaction, by Dr. Betty Lee Hampil, Sharp and Dohme, Inc., Glenolden.
- 3.-The application of mumps complement-fixation tests to clinical and epidemiological problems, by Dr. Gertrude Henle, Mrs. Susanna Harris, and Dr. Werner Henle, Children's Hospital, University of Pennsylvania, Philadelphia.

Southeastern Branch (George C. Lankford, Secretary-Treasurer)

The Southeastern Branch meeting with the Twelfth Annual Meeting of the Florida Academy of Sciences heard the following papers on November 21st:

- 1.-Virulence and antigenicity of *Hemophilus ducreyi*, by Robert B. Dienst, School of Medicine, University of Georgia.
- 2.-Laboratory diagnosis of salmonellosis in Florida, by Sarah Jane Dorsey and Mildred M. Galton, Florida State Board of Health, Jacksonville.
- 3.-A study of a carrying medium Diagnosis of neisseria infections, by Mildred M. Galton and Roland B. Mitchell, Florida State Board of Health, Jacksonville.
- 4.-Diagnostic service for mycobacterium tuberculosis by the Florida State Board of Health Laboratory, by Martha Pattishall, Florida State Board of Health, Jacksonville.
- 5.-A comparison of procedures for digestion of tuberculosis specimen materials, by Calvin L. Stricher and Roland B. Mitchell, Florida State Board of Health, Jacksonville.
- 6.-The relationship of the Lansing virus of poliomyelitis to newly isolated strains of human poliomyelitis, by Beatrice F. Hewitt and Rachael H. Gorrie, U. S. Public Health Service, Montgomery, Ala.
- 7.-The effect of lignin on ammonification in Lakeland fine sand, by F. B. Smith and David E. Singer, Soils Department, University of Florida.
- 8.-So called swimmer's itch in Florida Lakes in the Gainesville area, by W. R. Carroll, Elmer O. Hill, and Hunter McElrath, Bacteriology Department, University of Florida.

Washington, D. C. Branch (W. Bohrer, Secretary-Treasurer)

The 161st meeting of the Washington Branch of the Society was held on March 23 at 8 P.M. in the auditorium of the Army Medical School. The program:

- 1.-Heat resistance studies with spores of *Bacillus anthracis* and related mesophylic aerobic bacilli in liquid substrates, hair, and bristles, by Roy Schneider and Robert W. Kolb, Division of Industrial Hygiene, U. S. Public Health Service, Bethesda, Maryland.
- 2.-Changes in pH produced by oral micro-organisms, by R. M. Stephan, National Institute of Health, Bethesda, Maryland.
- 3.-The effect of certain chemicals on *Rickettsia typhi* infections in embryonated eggs, by Mary Louise Robbins, Paul K. Smith, Lois G. Stibravy, and Anne R. Bourke, George Washington University School of Medicine, Washington, D. C.

At a joint meeting with Maryland Branch at Fort Meade on April 10, the following papers were given from the Washington group. The titles of the papers from the Maryland Branch are not yet in the office.

- 1.-Some observations on the kinetics of bactericidal action of penicillin and their therapeutic significance, by Harry Bagel, Arline Musselman, and Ralph Fleischman, U. S. Public Health Service and The John Hopkins School of Hygiene, Maryland.
- 2.-A study of the inhibitory action of blood serum on *Bacillus subtilis*, by Velma L. Chandler, Division of Penicillin Control and Immunology, Food and Drug Administration, Washington.
- 3.-The virus of encephalomyocarditis, by Joel Warren, Department of Virus and Rickettsial Diseases, Army Medical Department, Research and Graduate School, Washington, D. C.

NEW ACTIVE MEMBERS

February 17 to March 26

Beach, Helen M., Alden Park Manor, Wissahickon & Chelton Aves., Germantown, Pa.  
 Beakley, John William, 745 E. 5th Street, Tucson, Arizona  
 Bennett, Frances H., 2025 S.E. Caruthers, Georgian Terrace #12, Portland, 15, Ore.  
 Bennett, Wyman, 1813 Northwestern Ave., Madison, Wis.  
 Colwell, Claire, 625 East 16th Ave., Denver, Colo.  
 Costilow, Ralph N., Dept. of Animal Industry, N.C. State College, Raleigh, N. C.  
 Culbertson, C. G., M.D., Lilly Res. Labs., Indianapolis, Ind.



- Dulaney, Eugene L., Microbiology Res. Labs., Merck & Co., Inc., Rahway, N.J.  
 Emery, Jr., Arthur J., N.Y. State Agr. Exper. Station, Geneva, N.Y.  
 Finn, Robert K., 322 Oak St., Minneapolis, Minn.  
 Francis, Robert, 5017 North Wolcott Ave., Chicago, Ill.  
 Friedman, Stanley, 311 East Green St., Champaign, Ill.  
 Gary, Norman D., North Dakota Agr. College, Fargo, N.D.  
 Gaylord, Jr., Wm. H., 282 Triangle St., Amherst, Mass.  
 Goldberg, Julius, Dept. of Public Health, Univ. of Ky., Lexington, Ky.  
 Green, Samuel R., Wallerstein Labs., 180 Madison Ave., New York, N. Y.  
 Green, William A., Dept. of Biology, Muhlenberg College, Allentown, Pa.  
 Hansted, Marjorie, 720 Payne Ave., St. Paul, Minn.  
 Hartman, Ann Pomerantz, 507 Hopkinson Ave., Brooklyn, N.Y.  
 Hays, Howard Myers, 512 E. Park Ave., Champaign, Ill.  
 Hildebrandt, F. M., 198 Oakdale Rd., Baltimore, Md.  
 Hill, Elmer C., 545 W. Cypress St., Gainesville, Fla.  
 Holloway, Guernsey, Director, Sch. of Clinical Lab. Tech., Meharry Med. College, Nashville, Tenn.  
 Holt, Robie Agnew, Dept. of Pathology, Toussaint Infirmary, New Orleans, La.  
 Hunnicutt, Jr., T. C., 618 Green St., Swainsboro, Ga.  
 Jamil, Mohammed, 243 Mason Hall, E. Lansing, Mich.  
 Johnson, Martha, 132 Lathrop St., Madison, Wis.  
 Keaton, Alice Ruth, 2712 Nuoces, Apt. B., Austin, Tex.  
 Kerdeban, Emily, 4616 N. Spaulding Ave., Chicago, Ill.  
 Krampitz, Lester O., Dept. of Microbiology, Sch. of Med., Western Reserve Univ., 2109 Adelbert Rd., Cleveland, Ohio  
 Labelle, Gustave, Ecole de Medicine Veterinaire, St. Hyacinthe, Quebec, Canada  
 Leary, Mary Lee, 320 Main North, Vassar College, Poughkeepsie, N.Y.  
 Lee, Pyung Hak, Bureau of Labs., Mich. Dept. of Health, Lansing, Mich.  
 Legator, Marvin, Parade Ground Unit E 320-3, Champaign, Ill.  
 Levine, Seymour, Dept. of Bact., Med. College, Univ. of Ill. 1853 W. Polk St., Chicago, Ill.  
 Lifshitz, Ignacio, Dolores 16 Desp. 408, Mexico, D.F.  
 McKinney, Harold H., Plant Industry Station, Beltsville, Md.  
 McMillen, Shirley, 1724 S.W. Broadway, Portland, Ore.  
 Miller, Gerald, 2141 Eye St., N.W., Washington, D.C.  
 Miller, Mary Jean, 104 Dubois St., Newburgh, N.Y.  
 Miller, Russell, 2129 N. 33rd St., Philadelphia, Pa.  
 Murray, Lawrence O. H., Flavel III - Apt. 203 A, Univ. of Fla., Gainesville, Fla.  
 Nelson, Eric Loren, 708 West Knoll Dr., Los Angeles, Cal.  
 Nelson, T. W., P. O. Box 900, Dallas, Tex.  
 Neves, Jose Arociara de S., Avenida de Contorno, 4731 (Serra) Belo Horizonte, Minas Gerais, Brasil  
 Newell, Robert H., 6 B Fairbanks Park, Terre Haute, Ind.  
 Noel, Darwin R., 1425 W. 42nd St., U.S. Yards, Chicago, Ill.  
 O'Neill, Richard D., 523 Clarendon Street, Syracuse, N.Y.  
 Pletcher, Gifford H., 1314 Lay Blvd., Kalamazoo, Mich.  
 Rhodes, John C., Box 416, College Station, Pullman, Washington  
 Schattner, Fred, 126 West 91st St., New York, N.Y.  
 Schmidt, Clarence F., 2115 Arthur Ave., Chicago, Ill.  
 Schneidau, Jr., John D., Dept. of Biology, Loyola Univ., New Orleans, La.  
 Schwenck, Herbert J., 271 Fifth Ave., New York, N.Y.  
 Segal, William, Dept. Agr. Bacteriology, Univ. of Wisconsin, Madison, Wis.  
 Slatin, Harry Leo, The Fleischman Distilling Corp., Owensboro, Ky.

Swantko, Michael, 95 Grattan St., Harrisonburg, Va.  
 Tate, Kenneth B., 425 45th St., Brooklyn, N.Y.  
 Trejos, Alfonso, Laboratorio del Hospital, San Juan de Dios, San Jose, Costa Rica  
 White, Franklin H., 1120 W. Park Ave., Champaign, Ill.  
 Winkler, Jr., Charles H., Med. College of Alabama, Birmingham, Ala.  
 Yeatman, Jr., John, 5622 Indiana Ave., Chicago, Ill.

#### NEW SUSTAINING MEMBER

Meinecke and Company, Incorporated . . . . . New York, New York  
 Vulcan Copper and Supply Co., Inc . . . . . Cincinnati, Ohio

#### MEMBERSHIP IN THE SOCIETY

As of this date, April 9, the membership of the SOCIETY is as follows:

|                       |       |
|-----------------------|-------|
| Honorary members      | 5     |
| Corresponding members | 16    |
| Emeritus members      | 35    |
| Retired members       | 18    |
| Sustaining members    | 91    |
| Active members        | 3362  |
| Total                 | -3527 |

Of the active members 854 are women. In addition there are a certain number (less than 100) associate members.

In January there were 179 applications for active membership, in the same month of 1947 the number was 119. In February of this year there were 61 and for the same month of 1947 54. This year in March 47 applications have been received which is the same as for last year. During the first eight days of this April we received 22 applications. For the corresponding time last year there were 4. In summary, to date this year we have had 316 applications for membership and in the same time last year 231.

With this issue of the News-Letter is enclosed a blank form for making application for membership. These are distributed in this way once a year. Any member who has need for extra copies of the blank should write us and they will be immediately forthcoming.

The SOCIETY does not issue a membership card or diploma and it should not. Membership is conditioned upon good character as a basis upon which one need only place interest in our science. One does not even have to be a microbiologist to apply for membership. Of course we try to take steps to prevent this from being carried to ridiculous extremes and have so far rather well succeeded.

The member who does not receive his Journals should check into the matter. The most common reason is that dues for the current year have not been paid. Publications are not sent out to members who are not paid up in advance. This is one reason why a membership can start only at the beginning of a year under ordinary circumstances. When a member moves and the publisher does not have a correct new address the Journals are returned to the publisher and held by him with no more sent out until the address is cleared up. Journals are not forwarded by the postal authorities. Please notify at least this office when you have a new address. We transmit all such notifications to the publisher two or three times a month. The ideal procedure is to notify both Williams and Wilkins and the Secretary-Treasurer.

#### HOW DO YOU EXPLAIN IT?

In this New Letter there is a statement about the number of members of the Society. We also tell you how many new members there have been since the first of January. Reference to your recent News Letters will reveal in our annual report for 1947 a summary of membership which may not seem to you too much different from the figure given here. The explanation is that as of March 1 we removed from the rolls of membership all names of individuals who had not paid dues for 1947 or 1948. The figure given in this News Letter includes only those who are fully paid up or who paid last for 1947. To all of these last second notices have been sent and a very gratifying number of those in arrears has responded. Some of our members seem to feel chagrin when they are sent a "second notice." I think that is a high tribute to the kind of individual who is a microbiologist. To these, however, may we say that when we have four hundred or so to handle we can hardly spare the time to do the matter any other way. This office knows better than most of our members the strain and stress most of us have been under for almost ten years now. If you do forget to renew don't feel too badly about it. It is our business to remind you of any negligence in this matter. Thanks for your very prompt response. Lastly, if there is any member who is sure that he or she will not continue membership, please write us to that effect. We would much rather put you in our "resigned" category than in our "lapsed" group. From both it is possible to be restored to grace in the future if conditions change as far as the individual is concerned making it desirable for him again to wish membership.

#### A NICE NOTE TO CLOSE ON

When the first of this letter was written we could not make this announcement for it was not then official. Now it is official and we are happy to announce that the Office of Naval Research has secured the services of Dr. Roger D. Reid of Baltimore as the civilian head of the Microbiology Branch of its Medical Sciences Division. Dr. Reid has service experience, industrial experience, university experience and public relations experience. We can think of no better man for the job and wish him well in his new position.



